



STIC Search Report

EIC 2100

STIC Database Tracking Number: 109969

**TO: Laurence Shrader
Location: 5Y17
Art Unit : 2124
Tuesday, December 09, 2003**

Case Serial Number: 09/718,371

**From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794**

david.holloway@uspto.gov

Search Notes

Dear Examiner Shrader,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David



Set	Items	Description
S1	725	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN () (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	9101231	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL- D?
S3	1967418	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	197	PRODUCT () (KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR - UPC)
S5	562938	VERSION? OR UPDAT? OR REINSTALL? OR RELOAD? OR RE () (INSTAL- L? OR LOAD?) OR UP () (DATE OR DATES OR DATING)
S6	0	S1 AND S4
S7	106	S1 AND (ID OR IDENTIFIER? OR VERSION? OR KEY? ? OR NUMBER? OR SN OR UPC)
S8	2	S2 AND S3 AND S4
S9	14	S1 AND S2 AND S5
S10	37	S7 AND (S2 OR S3 OR S4)
S11	31	S7 AND S5
S12	57	S10 OR S11 OR S8 OR S9
S13	54	RD (unique items)
S14	50	S13 NOT PY>2001
File	8: Ei	Compendex(R) 1970-2003/Nov W5 (c) 2003 Elsevier Eng. Info. Inc.
File	35: Dissertation	Abs Online 1861-2003/Oct (c) 2003 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs.	1966-2003/Nov 17 (c) 2003 EBSCO Publishing
File	65: Inside Conferences	1993-2003/Dec W1 (c) 2003 BLDSC all rts. reserv.
File	2: INSPEC	1969-2003/Nov W5 (c) 2003 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2003/Dec W1 (c) 2003 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM)	1979-2003/Dec 08 (c) 2003 The Gale Group
File	233: Internet & Personal Comp. Abs.	1981-2003/Jul (c) 2003, EBSCO Pub.
File	144: Pascal	1973-2003/Nov W5 (c) 2003 INIST/CNRS
File	34: SciSearch(R)	Cited Ref Sci 1990-2003/Nov W5 (c) 2003 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs	1983-2003/Oct (c) 2003 The HW Wilson Co.
File	95: TEME-Technology & Management	1989-2003/Nov W3 (c) 2003 FIZ TECHNIK

14/5/13 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03232079 INSPEC Abstract Number: D88002766

Title: Top form

Author(s): Campbell, H.

Journal: Office Equipment and Methods vol.34, no.5 p.44

Publication Date: June 1988 Country of Publication: Canada

CODEN: OFEMA9 ISSN: 0709-5228

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); General, Review (G)

Abstract: FormPerfect may be just the excuse needed to rid your automated office of its age-old typewriter. FormPerfect is a **forms** processing package which allows you to create standard office **forms** on your microcomputer for **automatic fill** -in at a later date. Essentially, these are standard templates or style sheets. **Forms** can even be shared among licensed users, although a network **version** of FormPerfect is not currently available. There is no relation to (or integration with) WordPerfect word processing software. (0 Refs)

Subfile: D

Descriptors: office automation; software packages

Identifiers: stationery; FormPerfect; **forms** processing package; standard office **forms** ; microcomputer; standard templates; style sheets; licensed users

Class Codes: D5040 (Supplies, stationery and storage media

Set	Items	Description
S1	1344	AUTOFILL? OR AUTOCOMplete? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN() (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	1442475	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPON? OR FIEL- D?
S3	713412	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	3623	PRODUCT() (KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR - UPC)
S5	208013	VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP() (D- ATE OR DATES OR DATING)
S6	553	S5 AND S1
S7	16	S5(10N)S1
S8	277	S2(S)S4(S)S5
S9	193	(S3 OR ONSCREEN? OR SCREEN? OR DISPLAY?) (S)S8
S10	7	S1(S)S2(S)S4
S11	23	S2(15N)S4(15N)S5(15N) (S3 OR ONSCREEN? OR SCREEN? OR DISPLA- Y?)
S12	45	S7 OR S10 OR S11
S13	27	S12 AND IC=(G06F? OR H04L?)
S14	12	S13 NOT AD>20001124

File 348:EUROPEAN PATENTS 1978-2003/Nov W05
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127
(c) 2003 WIPO/Univentio

*European &
PCT
Files*

14/5,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00495610

Method and system for version control of engineering changes.
Verfahren und System für Versionskontrolle und technischen Veränderungen.
Methode et système de contrôle de la version de modifications techniques.
PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Mukherjee, Sujana K., 1025 Laurel Mill Drive, Roswell, Georgia 30076, (US)
Ryan, James Lawrence, 107 Rondak Circle, Smyrna, Georgia 30080, (US)
Wason, James Richard, Rural Route 1, Box 155, Tuxedo, New York 10987,
(US)

LEGAL REPRESENTATIVE:

Bonneau, Gerard et al (14162), Compagnie IBM France Departement de
Propriete Industrielle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 483039 A2 920429 (Basic)
EP 483039 A3 930825

APPLICATION (CC, No, Date): EP 91480158 911010;

PRIORITY (CC, No, Date): US 602600 901024

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/24

CITED PATENTS (EP A): WO 8600735 A; EP 323382 A

CITED REFERENCES (EP A):

PROCEEDINGS. OF THE SECOND INTERNATIONAL CONFERENCE ON INDUSTRIAL AND
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS.
vol. 2, 1989, ACM, NEW YORK, USA pages 779 - 784 S. RANA & S. TANEJA
'Version support for manufacturing database systems'

UNIX REVIEW vol. 6, no. 5, May 1988, pages 48 - 59 WON KIM ET AL. 'Merged
Models (CAD/CAM)'

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 33, no. 3A, August 1990, ARMONK
US pages 179 - 180 , XP000123892 'PEP Bill(s) of Material Worksheet';

ABSTRACT EP 483039 A2

A system and method for storage and retrieval of both time-oriented
versions and view-oriented versions of engineering change information in
which the engineering change information progresses through a set of
status conditions and access to the data by different user groups is
conditioned upon the status of the information. Version control software
logic enables users to create versioned objects by logical key grouping
of data elements. The version control logic acts upon the logical keys
and special versioned attributes of these objects for the proper
specification and selection of object instances during creation, update
or retrieval processing. Insert and extract sequence numbers are
automatically generated for both historical preservation of previous
engineering change information and efficient retrieval of the currently
effective designs. Instance level security facilitates the merger of
different versions of the engineering change data having different
engineering change status levels so that similar types of data can be
contained within a single data base table. (see image in original
document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920429 A2 Published application (A1with Search Report
;A2without Search Report)

Examination: 921014 A2 Date of filing of request for examination:
920817

Search Report: 930825 A3 Separate publication of the European or
International search report

Examination: 961218 A2 Date of despatch of first examination report:
961031

Withdrawal: 970903 A2 Date on which the European patent application
was deemed to be withdrawn: 970311

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1164
SPEC A	(English)	EPABF1	5111
Total word count - document A			6275
Total word count - document B			0
Total word count - documents A + B			6275

INTERNATIONAL PATENT CLASS: G06F-015/24

...CLAIMS and storing the affected item record in an affected item file on the non-volatile **storage** device;
determining each versioned data object that is affected by the engineering change and storing...

...plurality of version control attributes in a version-related data file on said non-volatile **storage** device; and
processing said a **version** -related data file in **response** to a search query by an authorized user.

2. The method of claim 1 wherein...

...an item identifier, an affected item status, a view identifier, a design sequence number, a **product identifier**, a security level, and at least one effectivity attribute.

3. The method of claim 1 wherein said plurality of **version** control attributes include a logical key, an insert sequence number, and an extract sequence number.

4. The method of claim 3 in which said **versioned** data object is item-related and **stored** in said version-related data file with the item identifier being used as the logical...

14/5,K/12 (Item 10 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00376923

STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION

Patent Applicant/Assignee:

HYPERMED LTD,
OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,

Inventor(s):

OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9717666 A2 19970515

Application: WO 96IL131 19961023 (PCT/WO IL9600131)

Priority Application: US 95551929 19951023

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IS JP KE KG KP KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:21**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 263802

English Abstract

A hypertexted data structure (3/16) stored on a computer readable memory device and organized in a hierarchy of at least two levels, the data structure comprising: a plurality of data units (18-20) positioned at different levels in the hierarchy each containing at least some textual information (23) and a plurality of hypertext links (1) each linking at least part of the textual information in a given source data unit to a target data unit; wherein at least one of the hypertext links (1) is linked to at least one hypertext node (34) which contains information relating at least to both the given source data unit and the target data unit from which the relative positions in the hierarchy of the given source and target data units linked by the hypertext link may be determined.

French Abstract

La presente invention concerne une structure de donnees en format hypertexte (3/16) stockees dans une memoire lisible par ordinateur et organisee selon une hierarchie comportant au moins deux niveaux. Cette structure de donnees est constituee, d'une part de plusieurs unites de donnees (18-20) se placant a differents niveaux de la hierarchie, chacune de ces unites de donnees contenant au moins quelques donnees textuelles (23), et d'autre part, d'un jeu de liens hypertexte (1), chacun de ces liens reliant au moins une partie de l'information textuelle d'une unite de donnees origine specifique a une unite de donnees cible. L'un au moins des liens hypertexte (1) est relie a l'un au moins des noeuds hypertexte (34) qui contient des donnees se rapportant au moins a la fois a l'unite de donnees origine specifique et a l'unite de donnees cible a partir de laquelle il est possible de determiner des positions relatives dans la hierarchie. Ces positions relatives sont celles des unites de donnees origine et cible reliees par le lien hypertexte.

Main International Patent Class: **G06F-017/30**

. International Patent Class: G06F-17:21

Set	Items	Description
S1	1693	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN() (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	3451891	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL- D?
S3	2253304	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	858	PRODUCT() (KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR - UPC)
S5	100703	VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP() (D- ATE OR DATES OR DATING)
S6	0	S1 AND S2 AND S3 AND S4
S7	0	S1 AND S2 AND S4
S8	0	S1 AND S4
S9	293	S1 AND S2
S10	348	S3 AND S4
S11	22	S1 AND S5
S12	22	IDPAT (sorted in duplicate/non-duplicate order)
S13	22	IDPAT (primary/non-duplicate records only)
S14	120	S1 AND (COPYRIGHT? OR LICENS?)
S15	25	S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16	24	S15 NOT S11
S17	8	S16 AND IC=(G06F? OR H04L?)
S18	8	IDPAT (sorted in duplicate/non-duplicate order)
S19	8	IDPAT (primary/non-duplicate records only)
S20	18	S1(3N)S2
S21	1	S20 AND IC=H04L?
S22	11	S20 AND IC=G06F?
S23	12	S21 OR S22
S24	10	S23 NOT (S16 OR S11)
S25	10	IDPAT (sorted in duplicate/non-duplicate order)
S26	10	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379

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For 2032
Patent
Database

13/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015356428 **Image available**
WPI Acc No: 2003-417366/200339
XRPX Acc No: N03-332779

**Automatic user information input method for electronic form filling,
involves updating stored user information and entered form information
based on manual user input**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: PLOW G M; POURMIRZAIE F E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030028792	A1	20030206	US 2001922196	A	20010802	200339 B

Priority Applications (No Type Date): US 2001922196 A 20010802

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030028792	A1		9 H04L-009/32	

Abstract (Basic): US 20030028792 A1

NOVELTY - The user information from memory is retrieved based on the form request from user and accordingly the retrieved information is entered in the form automatically. Based on the manual input of user information, the stored user information is **updated** and accordingly the information entered in the form is changed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) automatic user information input system;
- (2) computer program device for electronic form filling; and
- (3) electronic form filling method.

USE - For **automatic input** of user information in electronic forms used in various online services e.g. goods purchasing through Internet.

ADVANTAGE - Eliminates need for manual entry due to automated processing thereby reduces transaction time and user's burden.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart representing automatic information input routine.

pp; 9 DwgNo 2/4

Title Terms: AUTOMATIC; USER; INFORMATION; INPUT; METHOD; ELECTRONIC; FORM;
FILL; **UPDATE** ; STORAGE; USER; INFORMATION; ENTER; FORM; INFORMATION;
BASED; MANUAL; USER; INPUT

Derwent Class: T01

International Patent Class (Main): H04L-009/32

File Segment: EPI

13/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013991561 **Image available**
WPI Acc No: 2001-475776/200151
XRPX Acc No: N01-352173

Web page form field automatic filling apparatus for Internet web site transactions, maintaining consumer data in centralized database according to user privacy preference

Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: HARIDAS R; MARKUS M A
Number of Countries: 023 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200145022	A2	20010621	WO 2000US41802	A	20001102	200151	B
AU 200149019	A	20010625	AU 200149019	A	20001102	200162	

Priority Applications (No Type Date): US 99434339 A 19991105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200145022	A2	E	25	G06F-017/60	
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Designated States (National): AU BR IN JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

AU 200149019	A			G06F-017/60	Based on patent WO 200145022
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Abstract (Basic): WO 200145022 A2

NOVELTY - Apparatus includes a centralized server, which accesses data store (416), a portal server, merchant server, and customer which register with centralized server. The customer (424,426) accesses a form presented by the merchant server and customer data is retrieved from data store and used to partially fill appropriate forms. Merchant server registers and **updates** forms with the centralized server. Customer can control privacy preferences through the central server computer (406).

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is made for a method of providing at least a partial completion of fields associated with a form offered via a web page on an Internet web site.

USE - For providing automatic form filling for Internet related transactions.

ADVANTAGE - Enables automation of form filling and uses centralized data arranged according to user privacy preferences. Allows for continual **updating** and aggregation of information relating to a particular user.

DESCRIPTION OF DRAWING(S) - Drawing illustrates a representative block diagram of a centralized form filling server applied to a portal, merchant, and customers.

Central server computer (406)

Data store (416)

Customer (424,426)

pp; 25 DwgNo 4/6

Title Terms: WEB; PAGE; FORM; FIELD; AUTOMATIC; FILL; APPARATUS; WEB; SITE; TRANSACTION; MAINTAIN; CONSUME; DATA; DATABASE; ACCORD; USER; PRIVATE; PREFER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/15 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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07605409 **Image available**
METHOD AND DEVICE FOR **AUTOMATIC INPUT** FORM GENERATION

PUB. NO.: 2003-099255 [JP 2003099255 A]
PUBLISHED: April 04, 2003 (20030404)
INVENTOR(s): NISHIMURA TORU
YURA SHUNSUKE
NOSE MASAYOSHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2001-292270 [JP 20011292270]
FILED: September 25, 2001 (20010925)
INTL CLASS: G06F-009/44

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **automatic input** form generating method which can lower application structuring costs when a structure itself of information items managed by a back-end system is newly generated or **updated** .

SOLUTION: The device is equipped with a generator 15 automatically generating an input application 18 for receiving a process request for the registration, etc., of information managed by the back-end system 11 from a client terminal 12 and an input data operation part 19 which receives and converts the process request that the input application 18 receives into a data structure defined in a structure definition file 16 and passes it to the back-end system 11, and the automatically generated input application 18 and input data operation part 19 operate associatively with execution environment 20.

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19/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07656688 **Image available**
DATA INPUT DEVICE AND INPUT METHOD TO DATA INPUT **FORM**

PUB. NO.: 2003-150546 [JP 2003150546 A]
PUBLISHED: May 23, 2003 (20030523)
INVENTOR(s): SAIDA YOSHINORI
APPLICANT(s): NEC CORP
APPL. NO.: 2001-348144 [JP 20011348144]
FILED: November 14, 2001 (20011114)
INTL CLASS: **G06F-015/00 ; G06F-003/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a data input device capable of speeding up **automatic input** processing by reducing the memory use quantity of a retrieval processing part for attribute names.

SOLUTION: An attribute for indicating the kind of information inputted to a **form** is newly added to an attribute of **form** tag in the content. An attribute name retrieving part 13 on a client machine 1 retrieves the attribute name coincident with an attribute value designated in the attribute from a user information storage part 16, and automatically inputs the attribute value to the corresponding **form** when there is a coincident attribute name. When there is not coincident attribute name, after a user inputs data to the corresponding **form**, an attribute name adding part 15 newly registers the attribute value and user input data in the user information storage device 16 as a set, and can automatically input the same attribute value at designated time on an after next time.

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19/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06504461 **Image available**
INPUT SUPPORT SYSTEM

PUB. NO.: 2000-090177 [JP 2000090177 A]
PUBLISHED: March 31, 2000 (20000331)
INVENTOR(s): KAWAMURA ATSUSHI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 10-257284 [JP 98257284]
FILED: September 10, 1998 (19980910)
INTL CLASS: G06F-019/00 ; G06F-011/28 ; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To reduce input operation at the time of a test and to conduct the test almost completely by reflecting data on the **field** on system alteration.

SOLUTION: An **automatic entry** system as the system is equipped with a storage file 3 storing data for actual operation and a data file 6 storing data for testing. Further, the system is equipped with a data converting tool 8 which prepares an information file 9 and a VCAST (tabulation support utility) file 10 by converting the data of those files 3 and 6, an **automatic entry** data preparing part 11 which preparing **automatic entry** data for input to a newly altered **screen** from the data of the information file 9 and VCAST file 10 and stores the data in an **automatic entry** data file 12, and an **automatic entry** part 13 which automatically enters the data into the **screen** by using the data of the **automatic entry** data file 12 and stores error information in an error information file 15.

COPYRIGHT : (C)2000,JPO

Set	Items	Description
S1	1693	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN () (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	3451891	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL- D?
S3	2253304	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	858	PRODUCT () (KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR - UPC)
S5	100703	VERSION? OR UPDAT? OR REINSTALL? OR RE () INSTALL? OR UP () (D- ATE OR DATES OR DATING)
S6	0	S1 AND S2 AND S3 AND S4
S7	0	S1 AND S2 AND S4
S8	0	S1 AND S4
S9	293	S1 AND S2
S10	348	S3 AND S4
S11	22	S1 AND S5
S12	22	IDPAT (sorted in duplicate/non-duplicate order)
S13	22	IDPAT (primary/non-duplicate records only)
S14	120	S1 AND (COPYRIGHT? OR LICENS?)
S15	25	S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16	24	S15 NOT S11
S17	8	S16 AND IC=(G06F? OR H04L?)
S18	8	IDPAT (sorted in duplicate/non-duplicate order)
S19	8	IDPAT (primary/non-duplicate records only)
S20	18	S1(3N)S2
S21	1	S20 AND IC=H04L?
S22	11	S20 AND IC=G06F?
S23	12	S21 OR S22
S24	10	S23 NOT (S16 OR S11)
S25	10	IDPAT (sorted in duplicate/non-duplicate order)
S26	10	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379

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Set	Items	Description
S1	1693	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN() (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	3451891	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL- D?
S3	2253304	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	858	PRODUCT() (KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR - UPC)
S5	100703	VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP() (D- ATE OR DATES OR DATING)
S6	0	S1 AND S2 AND S3 AND S4
S7	0	S1 AND S2 AND S4
S8	0	S1 AND S4
S9	293	S1 AND S2
S10	348	S3 AND S4
S11	22	S1 AND S5
S12	22	IDPAT (sorted in duplicate/non-duplicate order)
S13	22	IDPAT (primary/non-duplicate records only)
S14	120	S1 AND (COPYRIGHT? OR LICENS?)
S15	25	S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16	24	S15 NOT S11
S17	8	S16 AND IC=(G06F? OR H04L?)
S18	8	IDPAT (sorted in duplicate/non-duplicate order)
S19	8	IDPAT (primary/non-duplicate records only)
S20	18	S1(3N)S2
S21	1	S20 AND IC=H04L?
S22	11	S20 AND IC=G06F?
S23	12	S21 OR S22
S24	10	S23 NOT (S16 OR S11)
S25	10	IDPAT (sorted in duplicate/non-duplicate order)
S26	10	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379

(c) 2003 Thomson Derwen

26/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015266706 **Image available**
WPI Acc No: 2003-327635/200331
Related WPI Acc No: 2001-536095
XRPX Acc No: N03-261916

Online form filling method involves decoding location identifier, form location, user identifier at selective proxy server which requests online form from form-originating server for processing

Patent Assignee: INFOSPACE INC (INFO-N)

Inventor: MARKUS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6499042	B1	20021224	US 98103379	P	19981007	200331 B
			US 99411478	A	19991001	

Priority Applications (No Type Date): US 98103379 P 19981007; US 99411478 A 19991001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6499042	B1		6 G06F-017/21	Provisional application US 98103379

Abstract (Basic): US 6499042 B1

NOVELTY - The location identifier such as URL of a form-originating server, a form location and a user identifier received from a client, is decoded at a selective proxy server which requests the form-originating server to provide the online form. Data associated with user is inserted into the fields identified from the form by parsing the form, using user identifier after which the online form is transmitted to the client.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) selective proxy server;
- (2) electronic form processing method;
- (3) computer readable medium storing electronic form processing program; and
- (4) computer system for processing electronic form.

USE - For automatically filling in electronic form online with user's personal data.

ADVANTAGE - By using the selective proxy approach to fill in documents containing form elements, the documents forms are filled without the need for upgrading document browser and document server software modules, hence allows an entity to automatically release personal data to other entities connected through computer network.

DESCRIPTION OF DRAWING(S) - The figure shows the sequence diagram of the software components in which the selective proxy form filling process is executed to accomplish a **form autofill**.

pp; 6 DwgNo 3/3

Title Terms: FORM; FILL; METHOD; DECODE; LOCATE; IDENTIFY; FORM; LOCATE; USER; IDENTIFY; SELECT; SERVE; REQUEST; FORM; FORM; ORIGIN; SERVE; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-017/21

File Segment: EPI

26/5/4 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014648714 **Image available**
WPI Acc No: 2002-469418/200250
XRPX Acc No: N02-370539

Automatic input **system for electronic form , acquires electronic form from database based on designation of user so that acquired electronic form contains specific registration data acquired from registration database**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002150207	A	20020524	JP 2000340520	A	20001108	200250 B

Priority Applications (No Type Date): JP 2000340520 A 20001108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002150207	A		7	G06F-019/00	

Abstract (Basic): JP 2002150207 A

NOVELTY - An electronic form with specified format and input data are stored respectively in an electronic form database (3) and a registration database (2). An electronic form is acquired from the database based on the designation of user, so that the acquired form contains the specific registration data acquired from the registration database.

USE - **Automatic input system for electronic form .**

ADVANTAGE - Saves energy and time of document production.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of an electronic input system.

Registration database (2)

Electronic form database (3)

pp; 7 DwgNo 1/9

Title Terms: AUTOMATIC; INPUT; SYSTEM; ELECTRONIC; FORM; ACQUIRE;

ELECTRONIC; FORM; DATABASE; BASED; DESIGNATED; USER; SO; ACQUIRE;

ELECTRONIC; FORM; CONTAIN; SPECIFIC; REGISTER; DATA; ACQUIRE; REGISTER; DATABASE

Derwent Class: T01

International Patent Class (Main): **G06F-019/00**

International Patent Class (Additional): **G06F-017/30**

File Segment: EPI

26/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013507189 **Image available**
WPI Acc No: 2000-679133/200066
XRPX Acc No: N00-502791

Client side automatic electronic form completion involves linking user computer to personal information server for acquiring personal information module upon executing which electronic form gets filled

Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: HERRARTE E M; MARKUS M A
Number of Countries: 091 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200042540	A2	20000720	WO 2000US1031	A	20000114	200066	B
AU 200024145	A	20000801	AU 200024145	A	20000114	200066	
EP 1159695	A2	20011205	EP 2000902426	A	20000114	200203	
			WO 2000US1031	A	20000114		
BR 200007517	A	20020129	BR 20007517	A	20000114	200211	
			WO 2000US1031	A	20000114		
JP 2002535754	W	20021022	JP 2000594047	A	20000114	200301	
			WO 2000US1031	A	20000114		

Priority Applications (No Type Date): US 99231254 A 19990115

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200042540	A2	E	43	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200024145	A			G06F-017/60	Based on patent WO 200042540
EP 1159695	A2	E		G06F-017/60	Based on patent WO 200042540
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
BR 200007517	A			G06F-017/60	Based on patent WO 200042540
JP 2002535754	W		87	G06F-019/00	Based on patent WO 200042540

Abstract (Basic): WO 200042540 A2

NOVELTY - The electronic form is downloaded from a remote webserver using a program in user computer. The user computer is then linked to a personal information server for acquiring personal information module. The acquired module is executed at the user computer to fill in the multiple fields of electronic form.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic form completion system.

USE - For remote server-based applications.

ADVANTAGE - The method enables quickly filling in the electronic form.

DESCRIPTION OF DRAWING(S) - The figure shows the electronic **form automatic filling** system.

pp; 43 DwgNo 1/9

Title Terms: CLIENT; SIDE; AUTOMATIC; ELECTRONIC; FORM; COMPLETE; LINK; USER; COMPUTER; PERSON; INFORMATION; SERVE; ACQUIRE; PERSON; INFORMATION; MODULE; EXECUTE; ELECTRONIC; FORM; FILLED

Derwent Class: T01

International Patent Class (Main): G06F-017/60 ; G06F-019/00

International Patent Class (Additional): G06F-012/00

File Segment: EPI

26/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010642926 **Image available**
WPI Acc No: 1996-139880/199614
XRPX Acc No: N96-117137

Automatic completion method for electronic form on data input
screen - associating alphanumeric string entered into each field of
screen with identification number, and storing sequence of identification
strings representing screen for automatic completion of later screens at
users command

Patent Assignee: WALL DATA INC (WALL-N)
Inventor: BARNES T A; JENNY P D; LEMIRE J P; MORTENSEN M A
Number of Countries: 064 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9605567	A1	19960222	WO 95US9992	A	19950807	199614 B
AU 9532403	A	19960307	AU 9532403	A	19950807	199624
US 5682538	A	19971028	US 94289911	A	19940812	199749

Priority Applications (No Type Date): US 94289911 A 19940812
Cited Patents: JP 60252942; US 4939689; US 5222211; US 5224038; US 5263174;
US 5299305; US 5367619

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9605567	A1	E	22	G06F-019/00	
Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG					
AU 9532403	A			G06F-019/00	Based on patent WO 9605567
US 5682538	A		35	G06T-001/00	

Abstract (Basic): WO 9605567 A

The method involves automatically completing of a computer generated screen (17) including a number of fields (19,21,23,25,27a-27d,29a-29d,31a-31d,33a-33d,35a-35d). As the user completes each field in the screen with an alphanumeric string, the string is associated with an identification number. The alphanumeric string entries in the fields of the screen can be represented as a sequence of identification strings. As each screen is completed by the user, a sequence of identification strings representing the screen are generated. The rows are stored in memory and are used to automatically complete later screens at the user's command.

When a user wishes to automatically complete the screen, the fields of the current screen that contain alphanumeric strings are analysed. Once all the fields have been analysed and a sequence of identification numbers formed, the sequence of identification numbers for the current screen is compared to the sequences of identification numbers for prior screens.

USE/ADVANTAGE - Automatic adaptive computer screen generation for automatically completing computer screen based upon past history of computer screens input by user.

Dwg.3/61

Title Terms: AUTOMATIC; COMPLETE; METHOD; ELECTRONIC; FORM; DATA; INPUT;
SCREEN; ASSOCIATE; ALPHANUMERIC; STRING; ENTER; FIELD; SCREEN; IDENTIFY;
NUMBER; STORAGE; SEQUENCE; IDENTIFY; STRING; REPRESENT; SCREEN; AUTOMATIC
; COMPLETE; LATE; SCREEN; USER; COMMAND

Derwent Class: T01

International Patent Class (Main): G06F-019/00 ; G06T-001/00

File Segment: EPI

26/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
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02741270 **Image available**
ELECTRONIC CUTFORM SYSTEM

PUB. NO.: 01-038870 [JP 1038870 A]
PUBLISHED: February 09, 1989 (19890209)
INVENTOR(s): MISHINA NAOMI
NAWATA TOSHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-195588 [JP 87195588]
FILED: August 04, 1987 (19870804)
INTL CLASS: [4] G06F-015/22 ; G06F-003/02
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3
(INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: P, Section No. 877, Vol. 13, No. 228, Pg. 142, May
26, 1989 (19890526)

ABSTRACT

PURPOSE: To increase the correctness of input data and, simultaneously, to decrease the load of a business form writing person by defining the attribute of a publisher item to an arbitrary field at the time of designing a business **form** and **automatic - inputting** data corresponding to the item at the time of writing said form.

CONSTITUTION: A user logs on to an integrated office system 11 by the ID of his own and activates an electron cutform system 12. When the user designates the business form of a commuter pass purchasing application form, a business form data preparing part 6 reads in a business form definition designated by a business form definition storing part 3 and displays it on a CRT display 7. At such a time, the preparing part 6 reads in and automatic-inputs the data of the user from a user office environment file 5 to the item in which the attribute of the publisher item is defined. To the name of the publisher, the name of a publisher belonging department and a publisher belonging division 17 mail number, a full name 24 of the user, a belonging department and the mail number are automatic-inputted and displayed respectively. To a publishing date, the date of the very day is read in, automatic-inputted and displayed by a date generator 4

Set	Items	Description
S1	61	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN() (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	15821	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL- D?
S3	20064	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	31	(PRODUCT OR LICENS?) () (KEY? ? OR NUMBER? OR SN OR ID OR ID- ENTIFIER? OR UPC)
S5	19127	VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP() (D- ATE OR DATES OR DATING)
S6	0	S1 AND S4
S7	2	S2 AND S3 AND S4
S8	3	S2 AND S4
S9	0	S8 AND S5

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
(c)2003 Info.Sources Inc

Set	Items	Description
S1	4771	AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI- C) () (FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR IN() (PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2	7288794	FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPON? OR FIEL- D?
S3	5207605	SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR BUFFER? OR MEMOR?
S4	14871	(PRODUCT OR LICENS?) () (KEY? ? OR NUMBER? OR SN OR ID OR ID- ENTIFIER? OR UPC)
S5	2800030	VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP() (D- ATE OR DATES OR DATING)
S6	0	S1(10N)S4
S7	29	S2(10N)S3(10N)S4
S8	73	S1(10N)S2(10N) (S5 OR LICENS?)
S9	102	S7 OR S8
S10	64	RD (unique items)
S11	53	S10 NOT PY>2001
S12	52	S11 NOT PD>20011124

File 148:Gale Group Trade & Industry DB 1976-2003/Dec 08

(c) 2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 610:Business Wire 1999-2003/Dec 09

(c) 2003 Business Wire.

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 9:Business & Industry(R) Jul/1994-2003/Dec 08

(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Dec 08

(c) 2003 ProQuest Info&Learning

File 674:Computer News Fulltext 1989-2003/Dec W1

(c) 2003 IDG Communications

File 647:CMP Computer Fulltext 1988-2003/Dec W1

(c) 2003 CMP Media, L

File 275:Gale Group Computer D

(c) 2003 The Gale Gro

File 16:Gale Group PROMT(R) 1

(c) 2003 The Gale Gro

*Full Text
Database*

12/3,K/52 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02094143 Supplier Number: 42711484 (USE FORMAT 7 FOR FULLTEXT)

Ingredient data ready for 1993?

European Rubber Journal, p3

Feb, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 589

... left to allow users to add costing information and other data: up
to three unique **product identifiers** can be used.

The information will be **stored** in a standard database format - dBase
III+/IV, which is fixed- **field** ASCII with header record. This will be
compatible with virtually all commercial database software.

Eclipse...

12/3,K/3 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

12634150 SUPPLIER NUMBER: 65637701 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**OneName Introduces a New, Open Platform for Sharing Information and Linking
Data on the Internet.**

Business Wire, 0130

Oct 2, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 701 LINE COUNT: 00085

... with a friend or

business with as little as one mouse click. And they can **auto fill**
forms at any

XNS-enabled web site with a self-learning, "bottomless" digital wallet.

-- Automated synchronization of profile **updates**

: Any time XNS data is

exchanged, the information can be permanently linked. Updates can go

...

12/3,K/4 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11767110 SUPPLIER NUMBER: 57746633 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HYDRAULICS MANUFACTURER PROCESSES ORDERS AND QUOTES FAST AND

ERROR-FREE. (Brief Article)

Dykeman, John B.

Managing Office Technology, 42, 11, 29

Nov, 1997

DOCUMENT TYPE: Brief Article ISSN: 1070-4051 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 572 LINE COUNT: 00051

... Burlington, MA), which provides document management capability on the LAN. Automating access and retrieval of **stored** data has virtually eliminated the possibility of miskeying **product numbers**, transposing figures, or losing **forms**.

Simplify enables coordinators to cut and paste data and text into the order template. The...

'12/3,K/25 (Item 25 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

04595162 SUPPLIER NUMBER: 08544666 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Lab notes; a further look at the new EISA standard for the PC bus.

(extended industry standard architecture)

Rosch, Winn L.

PC Magazine, v9, n12, p349(5)

June 26, 1990

ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3367 LINE COUNT: 00262

... identify them.

Each make and model of EISA expansion board is assigned a unique EISA **Product Identifier**, which is **stored** on the board at input/output port addresses 0C80h to 0C83h. The first 2 bytes **store**, in compressed **form**, a three-letter abbreviation that identifies the board manufacturer. (The specific characters ISA are reserved...

12/3,K/43 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02276489 SUPPLIER NUMBER: 54050591 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CALL ACCOUNTING ROUNDUP. (Product Information)

HOLLYER, MARY

Teleconnect, 17, 2, 30(1)

March, 1999

ISSN: 0740-9354

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9481

LINE COUNT: 00787

... GUI) presentation, and navigation is done through simple point and click operations. COMIT also utilizes **auto - filling fields** to eliminate entry of redundant information, and all COMIT databases are **updated** via a single input. The COMIT System is a true multi-user, multi-tasking system...

Set	Items	Description
S1	30	(SERIAL()NUMBER OR PRODUCT()KEY) (3N) (MEMOR? OR STORED OR S- AVED) (5N) (REINSTALL? OR UPDAT?)
S2	21	S1 NOT PY>2001
S3	21	S2 NOT AD>20011124
File 340:		CLAIMS(R)/US Patent 1950-03/Dec 04 (c) 2003 IFI/CLAIMS(R)
File 342:		Derwent Patents Citation Indx 1978-01/200361 (c) 2003 Thomson Derwent
File 347:		JAPIO Oct 1976-2003/Aug(Updated 031202) (c) 2003 JPO & JAPIO
File 348:		EUROPEAN PATENTS 1978-2003/Nov W05 (c) 2003 European Patent Office
File 349:		PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127 (c) 2003 WIPO/Univentio
File 351:		Derwent WPI 1963-2003/UD,UM &UP=200379 (c) 2003 Thomson Derwent

3/5,K/20 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
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011794813 **Image available**
WPI Acc No: 1998-211723/199819
XRPX Acc No: N98-168166

Ink-jet printer for printing e.g. character, graphic on PCB - uses data processor to update serial number data stored in serial number data storing unit, for every printing process of printer on PCB

Patent Assignee: ASAH I OPTICAL CO LTD (ASAO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10058666	A	19980303	JP 96231313	A	19960813	199819 B

Priority Applications (No Type Date): JP 96231313 A 19960813

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10058666	A		8	B41J-002/01	

Abstract (Basic): JP 10058666 A

The printer (14) is connected to a data processor (10) that processes printing data which should be forwarded to the ink-jet printer. A serial number data storing unit stores a series of serial number data. A serial data writing unit writes the serial number data, read from the serial number data storing unit, in the predetermined location of a printing data storing unit.

The printing data are read from the printing data storing unit and printed on a PCB by the printer. The serial number data **stored** in the **serial number** data storing unit are **updated** for every printing process by the printer.

ADVANTAGE - Raises manufacturing efficiency and reduces manufacturing cost of PCB.

Dwg.1/5

Title Terms: PRINT; PRINT; CHARACTER; GRAPHIC; PCB; DATA; PROCESSOR; UPDATE
; SERIAL; NUMBER; DATA; STORAGE; SERIAL; NUMBER; DATA; STORAGE; UNIT;
PRINT; PROCESS; PRINT; PCB

Index Terms/Additional Words: PRINTED; CIRCUIT; BOARD

Derwent Class: P75; T04; V04

International Patent Class (Main): B41J-002/01

International Patent Class (Additional): B41J-029/40; H05K-003/00;
H05K-003/12

File Segment: EPI; EngPI

... **uses data processor to update serial number data stored in serial number data storing unit, for every printing process of printer on PCB**

...Abstract (Basic): data storing unit and printed on a PCB by the printer.
The serial number data **stored** in the **serial number** data storing unit are **updated** for every printing process by the printer...

3/5,K/19 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
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011894968

WPI Acc No: 1998-311878/199827

Related WPI Acc No: 1996-300136; 1998-332788; 2000-205129; 2001-157928

XRPX Acc No: N98-244530

Software piracy control system in computer network such as WAN, LAN - compares received program corresponding to serial number stored in first memory, based on which data accessing of user is decided

Patent Assignee: HILL & ASSOC INC CHARLES E (HILL-N)

Inventor: HILL C E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5754864	A	19980519	US 92866867	A	19920410	199827 B
			US 95460913	A	19950605	
			US 96747275	A	19961112	

Priority Applications (No Type Date): US 92866867 A 19920410; US 95460913 A 19950605; US 96747275 A 19961112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5754864	A	31	G06F-009/00	Cont of application US 92866867 Div ex application US 95460913 Cont of patent US 5528490

Abstract (Basic): US 5754864 A

The system includes a server arranged in a remote place, which performs forwarding of data to several main computers connected in a network. The specific program to be transmitted and its serial number are **stored** in a first **memory** of the server. The program **serial number** and the validation code for a specific program **updatation** corresponding to its **serial number** are **stored** in a second **memory** of the main computer. The validity of the stored program is judged based on the validation code.

The **stored** program **updatation** data and **serial number** is transmitted to the main computer from server. The received program **updatation** data is compared with that of the program **serial number** **stored** in the second **memory**. The **updatation** of validation code is carried out, when the compared program is judged to be different from stored program. The validity of program stored in the second memory is detected by a detector, based on validation code corresponding to each serial number. The accessing of data stored in second memory is denied, when the received program corresponding to serial number stored in the first memory is judged to be invalid.

USE - For satellite communication network.

ADVANTAGE - Reduces communication error. Performs reliable data protection. Improves software maintenance.

Dwg.0/11

Title Terms: SOFTWARE; PIRACY; CONTROL; SYSTEM; COMPUTER; NETWORK; WAN; LAN ; COMPARE; RECEIVE; PROGRAM; CORRESPOND; SERIAL; NUMBER; STORAGE; FIRST; MEMORY; BASED; DATA; ACCESS; USER; DECIDE

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

...Abstract (Basic): connected in a network. The specific program to be transmitted and its serial number are **stored** in a first **memory** of the server. The program **serial number** and the validation code for a specific program **updatation** corresponding to its **serial number** are **stored** in a second **memory** of the main computer. The validity of the stored program is judged based on the...

...The **stored** program **updatation** data and **serial number** is transmitted to the main computer from server. The received program

update data is compared with that of the program serial number stored in the second memory . The update of validation code is carried out, when the compared program is judged to be different...

3/5,K/18 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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013364787 **Image available**
WPI Acc No: 2000-536726/200049
XRPX Acc No: N00-397328

**Server computer for client-server system, updates memory with serial
number provided by process demand, when process corresponding to
process demand is completed**

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000207342	A	20000728	JP 9910917	A	19990119	200049 B

Priority Applications (No Type Date): JP 9910917 A 19990119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000207342	A	6	G06F-013/00	

Abstract (Basic): JP 2000207342 A

NOVELTY - The server (21) has a memory (12) which stores data for identifying a client (11). Another memory (24) stores serial number to which the server corresponds to process demand transmitted from the client. When the process corresponding to process demand is completed, the **memory** (24) is **updated** with **serial number** provided by the process demand.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for client computer processing program stored in recording medium.

USE - For client-server system.

ADVANTAGE - When process switching is performed to the server for standby, the necessity of client to re-perform the process from the beginning is eliminated.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of client-server system.

Client (11)

Memories (12,24)

Server (21)

pp; 6 DwgNo 1/3

Title Terms: SERVE; COMPUTER; CLIENT; SERVE; SYSTEM; UPDATE; MEMORY; SERIAL
; NUMBER; PROCESS; DEMAND; PROCESS; CORRESPOND; PROCESS; DEMAND; COMPLETE
Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-011/20; G06F-015/177

File Segment: EPI

**Server computer for client-server system, updates memory with serial
number provided by process demand, when process corresponding to
process demand is completed**

Abstract (Basic):

... demand transmitted from the client. When the process
corresponding to process demand is completed, the **memory** (24) is
updated with **serial number** provided by the process demand.

3/5,K/9 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01115622

Information processing apparatus and method, and medium that provides a program implementing the method
Informationsverarbeitungssystem und -verfahren, sowie Träger, der ein Programm welches das Verfahren implementiert, zur Verfügung stellt
Méthode et appareil pour le traitement d'information, et support contenant un programme qui implémente cette méthode

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 977205 A1 000202 (Basic)

APPLICATION (CC, No, Date): EP 99305864 990723;

PRIORITY (CC, No, Date): JP 98210864 980727

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11C-007/00; G11B-023/087; G11B-015/07

ABSTRACT EP 977205 A1

When a video cassette having a tag adhered thereto is mounted on the information processing apparatus or brought to a position within a predetermined distance therefrom, a read-writer reads a serial number from the tag and determines whether the read serial number has already been stored in a memory. If the determination has proved that the serial number has been stored in the memory, the read-writer reads current update history data from the tag and determines whether the read current update history data coincides with the update history data that has been stored in the memory. When it has been determined that the current update history data does not coincide with that stored in the memory, the read-writer reads whole data from the tag 2 and stores the read data in the memory, from which the data is read so as to be processed. In contrast, when it has been determined that the current update history data coincides with that stored in the memory, the read-writer reads whole data of the tag from the memory and processes the read data, instead of reading the data from the tag.

ABSTRACT WORD COUNT: 189

NOTE:

Figure number on first page: 6

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 000830 A1 Date of request for examination: 20000704

Application: 20000202 A1 Published application with search report

Withdrawal: 020515 A1 Date of withdrawal of application: 20020325

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200005	355
SPEC A	(English)	200005	3574
Total word count - document A			3929
Total word count - document B			0
Total word count - documents A + B			3929

...SPECIFICATION the information processing apparatus comprising: storage means for storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading means for reading the serial number and the current data update history information from the storage device; comparing means for comparing the **serial number** and the current data **update** history

information read by the reading means with the **serial number** and the data **update** history information which have been **stored** in the storage means; and processing means for executing processing of the data in accordance...

...of this information processing apparatus, the storage means stores in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device, and the reading means reads the serial number and the current...

...data update history information read by the reading means from the storage device with the **serial number** and the data **update** history information which have been **stored** in the storage means. The processing means then executes processing of the data in accordance...

...information, the processing method comprising the steps of: storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading the **serial number** and the current data **update** history information from the storage device; comparing the **serial number** and the current data **update** history information read in the reading step with the **serial number** and the data **update** history information **stored** in the storing step; and executing processing of the data in accordance with the result...

...history information, the program comprising the steps of: storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading the **serial number** and the current data **update** history information from the storage device; comparing the **serial number** and the current data **update** history information read in the reading step with the **serial number** and the data **update** history information **stored** in the storing step; and executing processing of the data in accordance with the result ...of the comparison.

In accordance with the second and third aspects, the data including the **serial number** and data **update** history information which have been **stored** in the storage device are stored in the storing step, and the serial number and...

...history information read in the reading step are compared in the comparing step with the **serial number** and the data **update** history information **stored** in the storing step. The executing step then executes processing of the data in accordance...

...information, has the following components: storage means for storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading means for reading a serial number and current data update history information from the storage device; comparing means for comparing the **serial number** and the current data **update** history information read by the reading means with the **serial number** and the data **update** history information which have been **stored** in the storage means; and processing means for executing processing of the data in accordance...to read the 64-byte data from the media information area 52 in which the **serial number** 61 and the **update** history data 62 are **stored** .

In the case where the serial number 61 or the current update history data 62...

...carried by a tag are stored in advance in a storage means such as a **memory** , and are compared with the **serial number** and current data **update** history information that are read from the tag, followed by processing of the data. It...

...CLAIMS said information processing apparatus comprising:

storage means for storing in advance the data including the **serial number** and data **update** history information which has been **stored** in said storage device;

reading means for reading the serial number and current data update history information from said storage device;

comparing means for comparing the **serial number** and the current data **update** history information read by said reading means with the **serial number** and the data **update** history information which have been **stored** in said storage means; and
processing means for executing processing of said data in accordance...

...information, said processing method comprising the steps of:
storing in advance the data including the **serial number** and data **update** history information which has been **stored** in said storage device;
reading the **serial number** and current data **update** history information from said storage device;
comparing the **serial number** and the current data **update** history information read in said reading step with the **serial number** and the data **update** history information **stored** in said storing step;
and
executing processing of said data in accordance with the result...

...history information, said program comprising the steps of:
storing in advance the data including the **serial number** and data **update** history information which has been **stored** in said storage device;
reading the **serial number** and current data **update** history information from said storage device;
comparing the **serial number** and the current data **update** history information read in said reading step with the **serial number** and the data **update** history information **stored** in said storing step;
and
executing processing of said data in accordance with the result...